



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 2452

Bib Data Sheet

| | | | | |
|-----------------------------|---------------------------------------|--------------|------------------------|--------------------------------|
| SERIAL NUMBER 10/036,016 | FILING DATE 12/26/2001 RULE | CLASS 707 | GROUP ART UNIT 2165 | ATTORNEY DOCKET NO. 9983 |
|-----------------------------|---------------------------------------|--------------|------------------------|--------------------------------|

APPLICANTS

Ahmad Said Ghazal, Redondo Beach, CA;

Paul Laurence Sinclair, Manhattan Beach, CA;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 02/06/2002

| | | | | | |
|--|--|---------------------------|-------------------------|-----------------------|----------------------------|
| Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged | <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature _____ Initials _____ | STATE OR COUNTRY CA | SHEETS DRAWING 13 | TOTAL CLAIMS 49 | INDEPENDENT CLAIMS 4 |
|--|--|---------------------------|-------------------------|-----------------------|----------------------------|

ADDRESS

26890
 JAMES M. STOVER
 NCR CORPORATION
 1700 SOUTH PATTERSON BLVD, WHQ4
 DAYTON , OH
 45479

TITLE

Semantically reducing the number of partitions involved in a join

FILING FEE

RECEIVED
1166

FEES: Authority has been given in Paper
 No. _____ to charge/credit DEPOSIT ACCOUNT
 No. _____ for following:

| |
|--|
| <input type="checkbox"/> All Fees |
| <input type="checkbox"/> 1.16 Fees (Filing) |
| <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) |
| <input type="checkbox"/> 1.18 Fees (Issue) |